

Converting Colors

Hex(CA2DD5)

Have a look what the booklet for
Hex(CA2DD5) contains.

Hex(CA2DD5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(CA2DD5)

Conversions

Conversions Part 1

Format	Color
Hex	CA2DD5
RGB	202, 45, 213
RGB Percent	79%, 18%, 84%
CMY	0.2078, 0.8235, 0.1647
CMYK	0.05, 0.79, 0.00, 0.16
HSL	296°, 67%, 51%
HSV	296°, 79%, 84%
XYZ	37.3057, 19.2374, 64.6978
YIQ	111.0950, 39.6440, 85.5320

Conversions

Conversions Part 2

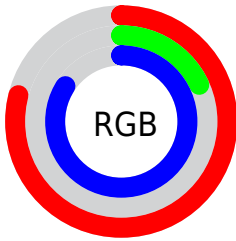
Format	Color
R_{YB}	202, 45, 213
Decimal	13250005
CIE _{Lab}	50.96, 77.45, -52.69
CIE _{LCh}	51, 93.670, 325.774
Yxy	19.2374, 0.3077, 0.1587
Android (android.graphics.Color)	4291440085 (0xFFCA2DD5)
YUV	111.0950, 50.2392, 79.7237
Hunter-Lab	43.8605, 75.0682, -56.7552

Details

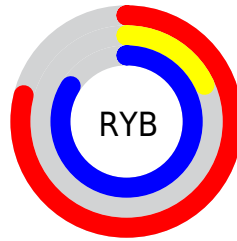
The Hex color **CA2DD5** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **38D52D**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **FF6EFF**, and **8F009D** is the 20% darker color. If you saturate the color by 10%, you get **C918D5**, and if you desaturate by 10%, it is **CB42D5**.

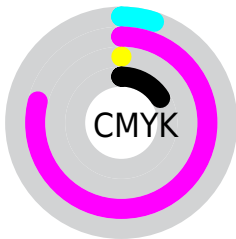
Distribution



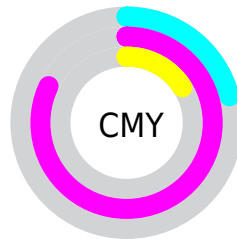
- Red (79%)
- Green (18%)
- Blue (84%)



- Red (79%)
- Yellow (18%)
- Blue (84%)



- Cyan (5%)
- Magenta (79%)
- Yellow (0%)
- Black (16%)



- Cyan (21%)
- Magenta (82%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA2DD5 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color CA2DD5 by changing the saturation by 10% instead.

 CA2DD5

 CA2DD5

FFFFFF

 AC00B9

 FF6EFF

 8F009D

 FF8BFF

 730083

 FFA9FF

 560069

 FFC6FF

 3C0050

 FFE4FF

 1D0038

 000221

 000006

 000000

■ CA2DD5

■ CA2DD5

■ C918D5

■ CB42D5

■ C702D5

■ CD58D5

■ C700D5

■ CE6DD5

■ D082D5

■ D198D5

■ D2ADD5

■ D4C2D5

■ D5D7D5

■ D7EDD5

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



3B69FF



CA2DD5



FA0088

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



CA2DD5



9E7300



0099BE

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



CA2DD5



38D52D

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



00986B



CA2DD5



4F8900

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



CA2DD5



D74A00



009301



0096FF

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CA2DD5



FE0054



009301



0099A3

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



CA2DD5



FBC2FF



2D38D5



7D5B80



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



CA2DD5



EF0DFF



D52D8C



6A606B



A000AB



29002B

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



D52D38



FF0D1D



2DD576



6B6061



AB000B



2B0003

Previews

White Background



This preview shows how the Hex color CA2DD5 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

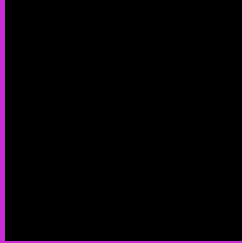
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex CA2DD5 Background



This preview shows how black text looks on a background with the Hex color CA2DD5.

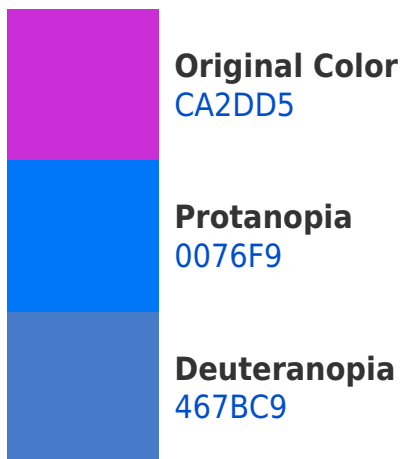


This preview shows how white text looks on a background with the Hex color CA2DD5.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Trichromacy



Original Color
CA2DD5



Protanomaly
495BEC



Deuteranomaly
765FCD



Tritanomaly
C14A8C

Monochromacy



Original Color
CA2DD5



Achromatopsia
6F6F6F



Achromatomaly
905794

CSS Examples

Text

The CSS property to change the color of the text to Hex CA2DD5 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #CA2DD5 looks like.

```
.text, #text, p{  
    color:#CA2DD5  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #CA2DD5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA2DD5
}
```

Border

The CSS property to change the border of an element to Hex CA2DD5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CA2DD5 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#CA2DD5 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #CA2DD5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA2DD5; -webkit-box-shadow:4px 4px  
4px 4px #CA2DD5; box-shadow:4px 4px 4px  
4px #CA2DD5 }
```

Background

The CSS property to change the background color of an element to Hex CA2DD5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA2DD5 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#CA2DD5 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor